

Docket No. 220950USOPCT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Arno LANGE, et al.

SERIAL NO: 10/089,056

GAU: 1714

FILED: April 3, 2002

EXAMINER:

FOR: METHOD FOR PRODUCING MANNICH ADDUCTS THAT CONTAIN POLYISOBUTYLENE PHENOL

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

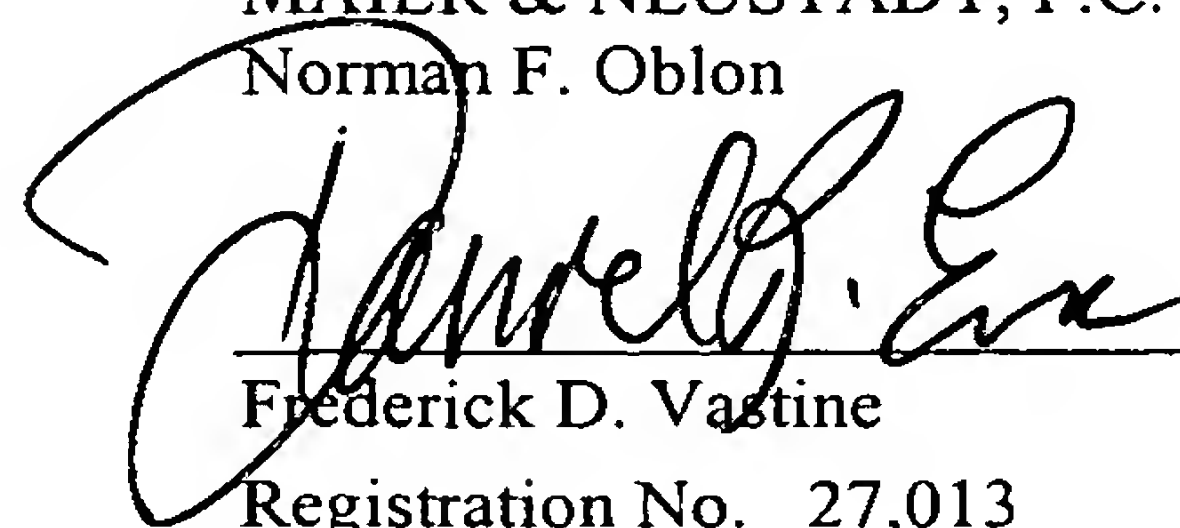
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.  
Norman F. Oblon

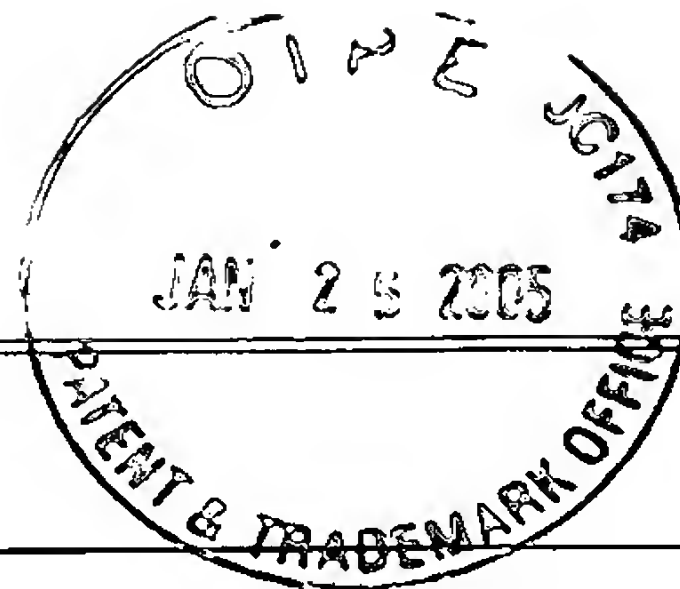
  
Frederick D. Vastine  
Registration No. 27,013

Customer Number

**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05 03)

**Daniel R. Evans, Ph.D.**  
Registration No. 55,868



Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 220950US0PCT		SERIAL NO. 10/089,056	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Arno LANGE, et al.			
				FILING DATE April 3, 2002		GROUP 1714	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,300,701	04/05/1994	R. E. CHERPECK			
	AB	5,725,612	03/10/1998	D. J. MALFER, et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AC	WO 00/78898	12/28/2000	WIPO (with English Abstract)			X
	AD	EP 0 811 672	12/10/1997	EUROPE			X
	AE	WO 91/04959	04/18/1991	WIPO (with English Abstract)			X
	AF	WO 90/03359	04/05/1990	WIPO (with English Abstract)			X
	AG	WO 93/19140	09/30/1993	WIPO (with English Abstract)			X
	AH	WO 98/42808	10/01/1998	WIPO (with English Abstract)			X
	AI	WO 98/28346	07/02/1998	WIPO (with English Abstract)			X
	AJ	WO 98/05741	02/12/1998	WIPO (with English Abstract)			X
	AK	WO 98/02468	01/22/1998	WIPO (with English Abstract)			X
	AL	WO 97/43360	11/20/1997	WIPO (with English Abstract)			X
	AM	WO 97/43359	11/20/1997	WIPO (with English Abstract)			X
	AN	WO 97/43358	11/20/1997	WIPO (with English Abstract)			X
	AO	WO 97/43357	11/20/1997	WIPO (with English Abstract)			X
	AP	WO 95/29974	11/09/1995	WIPO (with English Abstract)			X
	AQ	WO 95/29973	11/09/1995	WIPO (with English Abstract)			X
	AR	WO 95/29972	11/09/1995	WIPO (with English Abstract)			X
	AS	WO 95/17485	06/29/1995	WIPO (with English Abstract)			X
	AT	WO 95/15366	06/08/1995	WIPO (with English Abstract)			X
	AU	WO 95/11955	05/04/1995	WIPO (with English Abstract)			X
	AV	WO 94/14929	07/07/1994	WIPO (with English Abstract)			X
	AW	WO 94/14926	07/07/1994	WIPO (with English Abstract)			X
	AX	WO 94/14925	07/07/1994	WIPO (with English Abstract)			X
	AY	WO 94/14739	07/07/1994	WIPO (with English Abstract)			X
	AZ	2,089,833	08/21/1993	CANADA (with English Abstract)			X
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAA	BP CHEMICALS, Ultravis 10, Technigram, "PROPERTIES AND APPLICATIONS OF ULTRAVIS HIGH PERFORMANCE POLYBUTENE POLYMERS"					
	AAB	BASF, Technical Information, Glissopal CE 5203, "RAW MATERIAL FOR THE MANUFACTURE OF LUBRICATING OIL ADDITIVES, VISCOSITY IMPROVER, SYNTHETIC LUBRICATING OIL COMPONENT, INSULATING OIL"					
	AAC	KIRK-OTHMER, ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY, 4 <sup>th</sup> Ed., Wiley, New York, Vol. 8, pp. 944-955, 1993					
	AAD	Declaration of John McMahon (executed copy, 5 pp.) (January 11, 2004)				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							